

202 Review

Inductive Reasoning--complete a pattern
counterexamples

and \wedge

or \vee

Truth tables

Venn Diagrams

Conditionals $P \rightarrow Q$

Hypothesis

Conclusion

— Converse $Q \rightarrow P$

— Inverse $\sim P \rightarrow \sim Q$

— Contrapositive $\sim Q \rightarrow \sim P$

Draw Conclusions

Valid/Invalid

Law of Syllogism

Law of Detachment

Quiz 2.1-2.4

only True when both T
only False when both F

If P , then Q
 $\sim P$ $\sim Q$